

Clos de Hilde



Introduction: in CUB (Urban Community of Bordeaux) there are 7 sewage treatment plants among which one in Bègle, « Clos de hilde », the biggest purification plant of Aquitaine.

*The plant was built in 2 parts:
the first part for water treatment , the second part for sludge treatment*

For water treatment:

- screening is the first step
- biological treatment / biofiltration to remove tiny particles is the second
- sedimentation to remove sand comes next
- finally, the clean water is put back into the Garonne

For sludge treatment, there are 4 stages:

- settling
- fermentation
- drying the sludge
- In the end it is turned into compost or incinerated

The conversion of sludge into compost is good for the environment

It was found that compared with other treatment plants, Clos de Hilde is closed which limits odors. It is a comfort for residents. The plant is equipped with an 'air washing' room which is a real comfort for employees and visitors.



Treatment of used water, sludge and air.



